

Appl. No. 10/758,657
Amdt. dated 09/27/2006
Reply to Office action of 06/27/2006

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 20. (cancelled)

21. (new): A system for separating product from a mixture of product and water in a remediation system, the system comprising:
an internal combustion engine connected to a recovery well via a conduit; and
a first tank connected to the conduit between the engine and the recovery well holding a mixture of product and water drawn from the recovery well through the conduit, wherein the engine provides a vacuum on the conduit, first tank and the recovery well.

22. (new): The system of claim 21, wherein a portion of the conduit between the first tank and the recovery well is coiled.

23. (new): The system of claim 21, further including a second tank in fluid connection with the first tank for holding the product transferred from the first tank.

24. (new): The system of claim 21, wherein the engine burns vapors drawn from the first tank through the conduit.

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25. (new): The system of claim 22, wherein the engine burns vapors drawn from the first tank through the conduit.
26. (new): A method of drawing a mixture of fluids from a recovery well for remediation, the method comprising the steps of:
connecting an internal combustion engine to a recovery well via a conduit and a first tank;
running the engine producing a vacuum on the conduit, first tank and the recovery well;
producing fluids from the recovery well to the first tank;
separating the fluids into water and product in the first tank; and
diverting the product from the first tank to a second tank.
27. (new): The method of claim 26, further including the step of burning vapors from the fluids drawn from the recovery well in the engine.
28. (new): The method of claim 27, wherein the vapors flow from the first tank through the conduit to the engine.
29. (new): The method of claim 26, further including the step of mitigating the mixture of the water with the product in the conduit between the recovery well and the first tank.

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30. (new): The method of claim 29, further including the step of burning vapors from the fluids drawn from the recovery well in the engine.
31. (new): The method of claim 30 wherein the vapors flow from the first tank through the conduit to the engine.
32. (new): The method of claim 26, further including coiling a portion of the conduit between the recovery well and the first tank.
33. (new): The method of claim 32, further including the step of burning vapors from the fluids drawn from the recovery well in the engine.
34. (new): The method of claim 33, wherein the vapors flow from the first tank through the conduit to the engine.